

09/378196

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 8/19/99 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

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| <p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:<br/>     Black ink. Color.<br/>     Color drawings are not acceptable until petition is granted.<br/> <input checked="" type="checkbox"/> Fig(s) _____<br/>     Pencil and non black ink not permitted. Fig(s) <u>1-3, 9, 10</u></p> <p>2. PHOTOGRAPHS. 37 CFR 1.84 (b)<br/>     1 full-tone set is required. Fig(s) _____<br/>     Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____<br/>     Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)<br/>     Paper not flexible, strong, white, and durable.<br/> <input checked="" type="checkbox"/> Fig(s) _____<br/>     Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____<br/>     Mylar, velum paper is not acceptable (too thin).<br/> <input checked="" type="checkbox"/> Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:<br/>     21.0 cm by 29.7 cm (DIN size A4)<br/>     21.6 cm by 27.9 cm (8 1/2 x 11 inches)<br/>     All drawing sheets not the same size.<br/> <input checked="" type="checkbox"/> Sheet(s) _____<br/>     Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:<br/>     Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm<br/>     SIZE: A4 Size<br/>     Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm<br/>     SIZE: 8 1/2 x 11<br/>     Margins not acceptable. Fig(s) <u>1-3, 7, 9</u><br/> <input checked="" type="checkbox"/> Top (T)      <input checked="" type="checkbox"/> Left (L)<br/> <input checked="" type="checkbox"/> Right (R)      <input checked="" type="checkbox"/> Bottom (B)</p> <p>6. VIEWS. 37 CFR 1.84(h)<br/>     REMINDER: Specification may require revision to correspond to drawing changes.<br/>     Partial views. 37 CFR 1.84(h)(2)<br/>     Brackets needed to show figure as one entity.<br/> <input checked="" type="checkbox"/> Fig(s) _____<br/>     Views not labeled separately or properly.<br/> <input checked="" type="checkbox"/> Fig(s) _____<br/>     Enlarged view not labeled separately or properly.<br/> <input checked="" type="checkbox"/> Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)<br/>     Hatching not indicated for sectional portions of an object.<br/> <input checked="" type="checkbox"/> Fig(s) _____<br/>     Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p> | <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)<br/> <input checked="" type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)<br/> <input checked="" type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.<br/> <input checked="" type="checkbox"/> Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)<br/> <input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality).<br/> <input checked="" type="checkbox"/> Fig(s) <u>1-10</u></p> <p>11. SHADING. 37 CFR 1.84(m)<br/> <input checked="" type="checkbox"/> Solid black areas pale. Fig(s) _____<br/> <input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) <u>1-3</u><br/> <input checked="" type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p)<br/> <input checked="" type="checkbox"/> Numbers and reference characters not plain and legible.<br/> <input checked="" type="checkbox"/> Fig(s) <u>1-10</u><br/> <input checked="" type="checkbox"/> Figure legends are poor. Fig(s) _____<br/> <input checked="" type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)<br/> <input checked="" type="checkbox"/> Fig(s) _____<br/> <input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)<br/> <input checked="" type="checkbox"/> Figs _____<br/> <input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)<br/> <input checked="" type="checkbox"/> Fig(s) <u>1-10</u></p> <p>13. LEAD LINES. 37 CFR 1.84(q)<br/> <input checked="" type="checkbox"/> Lead lines cross each other. Fig(s) _____<br/> <input checked="" type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)<br/> <input checked="" type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)<br/> <input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)<br/> <input checked="" type="checkbox"/> Corrections not made from prior PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152<br/> <input checked="" type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____<br/> <input checked="" type="checkbox"/> Solid black shading not used for color contrast.<br/> <input checked="" type="checkbox"/> Fig(s) _____</p> |
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### COMMENTS

REVIEWER T. RogersDATE 10/15/99 TELEPHONE NO. 703 305 8335

ATTACHMENT TO PAPER NO. \_\_\_\_\_